PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER 2035.0240001/RWE/RAS				
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/589,435			
INTERNAT	IONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED			
PCT/US2005/016282 10 May 2005 (10.05.2005) 10 May 2004 (10.05.2004)  TITLE OF INVENTION						
Preventi		th Active Vitamin D Compound	s			
Martha J	I. Whitehouse and Bradford	S. Goodwin				
Applicant	herewith submits to the United Sta	ites Designated/Elected Office (DO/EC	VUS) the following items and other information:			
1. 🔲 1	his is a FIRST submission of items con	ncerning a submission under 35 U.S.C. 371				
2. X T	his is a SECOND or SUBSEQUENT se	ubmission of items concerning a submission	under 35 U.S.C. 371.			
з. 🗵 т	his is an express request to begin natio (5), (6), (9) and (21) indicated below.	onal examination procedures (35 U.S.C. 37	1(f)). The submission must include items			
4. 🔲 1	he US has been elected (Article 31).					
5.	A copy of the International Application	as filed (35 U.S.C. 371(c)(2))				
	a. is attached hereto (required	only if not communicated by the Internation	al Bureau).			
	b. has been communicated by	the International Bureau.				
_	c. is not required, as the applic	cation was filed in the United States Receiving	ng Office (RO/US).			
6. 🔲	An English language translation of the	International Application as filed (35 U.S.C	371(c)(2)).			
	a. is attached hereto.					
_	b. has been previously submitted under 35 U.S.C. 154(d)(4).					
7.	Amendments to the claims of the Inter	mational Application under PCT Article 19 (	35 U.S.C. 371(c)(3))			
	a. are attached hereto (requir	red only if not communicated by the Internal	tional Bureau).			
	b have been communicated by the International Bureau.					
	c. have not been made; however, the time limit for making such amendments has NOT expired.					
_	d. have not been made and will not be made.					
8. 🗀	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. 🔲	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	annexes of the International Preliminary E	xamination Report under PCT			
Items 11 to 20 below concern document(s) or information included:						
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.				
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13.	A preliminary amendment.					
14.	An Application Data Sheet under 37 CFR 1.76.					
15.	A substitute specification.					
16. X	A power of attorney and/or change of address letter.					
17. 📙	A computer-readable form of the sequence listing in accordance with PCT Rule 13fer.2 and 37 CFR 1.821- 1.825.					
18.	A second copy of the published Intern	national Application under 35 U.S.C. 154(d)	(4).			
19. 🗆	A second copy of the English languag	e translation of the international application	under 35 U.S.C. 154(d)(4).			

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USFTO to process) an application. Confidentiality is operanded by 35 USF. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete the control of the public of of the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

PTO. 150 (Rev. 07.3006)
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/589,435			PCT/US2005/016282		2035.0240001/RWE/RAS		
20. Other items or information: Statement Under 37 CFR 3.73(b).							
The above listed documents are filed electronically through EFS-Web.							
	owing fees have b				CALCULATIONS \$	PTO USE ONLY	
21. Basi	ic national fee (37	CFR 1.492(a))		\$300	•		
22. Exan	nination fee (37 CF	R 1.492(c))					
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1):(4)							
If the written opin IPEA/US Search fee (37 C International Sea previous)	rch fee (37 CFR 1. nion of the ISA/US 5 indicates all claim CFR 1.445(a)(2)) honal Searching Au arch Report prepar y communicated to	s					
All other should						<b></b>	
TOTAL OF 21, 22 and 23 =  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(f)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets	a Sheets Number of each additional 50 or fraction thereof (round up to a whole number)		RATE			
- 100 =	/50 =	/50 =		x \$250	\$	·	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).							
CLAIMS	NUME	ER FILED NUMBER EXTRA RATE		RATE	\$		
Total claims		- 20 =		× \$50	\$		
Independent clai	ims	-3=		× \$200	\$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$			
		\$					
X Applicant cla	aims small entity s	oed by 1/2.					
		SUBTOTAL =	\$				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					s		
		\$					
Fee for recording	g the enclosed ass te cover sheet (37	\$					
TOTAL FEES ENCLOSED = \$							
					Amount to be refunded:	\$	
		· · · · · · · · · · · · · · · · · · ·			Amount to be charged	\$	

PTO. 1306 (pp. 97.2005)
Approved for use through 37.12007. ONG 68.07.12007.
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а. 🔲	A check in the amount of \$	to cover the above fees is enclosed.			
b. 🔲	Please charge my Deposit Account No	in the amount of \$ to cover the above fees.			
c. X	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0036</u> . A duplicate copy of this sheet is enclosed.				
d. X	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:  SIGNATURE SIGNATURE					
CUS	STOMER NUMBER 26111	Robert A. Schwartzman, Ph.D.			
		NAME 50,211			
		REGISTRATION NUMBER			